
PRC-010-AB-0 Assessment of the Design and Effectiveness of UVLS Program

1. Purpose

The purpose of this *reliability standard* is to ensure the effectiveness of each *UVLS* program.

2. Applicability

This *reliability standard* applies to:

- *ISO*

3. Definitions

Italicized terms used in this *reliability standard* have the meanings as set out in the [Alberta Reliability Standards Glossary of Terms](#) and Part 1 of the [ISO Rules](#).

4. Requirements

R1 The *ISO* must conduct and document an assessment of the effectiveness of each *UVLS* program every five years. In the event the AESO determines that conditions affecting the *UVLS* operation have occurred, it may conduct and document an assessment within such five year period as it deems appropriate.

R2 The assessment of the effectiveness of each *UVLS* program must include without limitation, the following:

- Coordination of the *UVLS* programs with other protection and control systems in the *WECC* as appropriate.
- Simulations that demonstrate that the performance of each *UVLS* program is consistent with *reliability standards* TPL-001-AB-0, TPL-002-AB-0, TPL-003-AB-0 and TPL-004-AB-0.
- A review of the voltage set points and timing

R3 The *ISO* must provide documentation of its most recent assessment of *UVLS* programs to *WECC* on request and within the timeframe agreed to by the *ISO* and *WECC*.

5. Processes and Procedures

No procedures have been defined for this *reliability standard*.

6. Measures

The following measures correspond to the requirements identified in Section 4 of this *reliability standard*. For example, MR1 is the measure for R1.

- MR1** Documentation of the most recent assessment of the effectiveness of each *UVLS* program exists and was carried out within the last five years.
- MR2** Documentation of the most recent assessment includes the elements of R2.
- MR3** Written confirmation from *WECC* that the documentation requested by it pursuant to R3 has been received.

7. Appendices

No appendices have been defined for this *reliability standard*.

8. Guidelines

No guidelines have been defined for this *reliability standard*.

Revision History

Effective	Description
2009-10-03	New Issue